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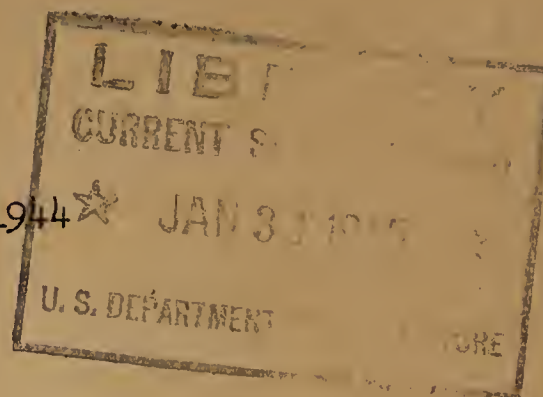
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LISTS OF PUBLICATIONS AND PATENTS  
OF  
BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE  
AGRICULTURAL RESEARCH ADMINISTRATION  
U. S. DEPARTMENT OF AGRICULTURE

Issued during the fiscal year ended June 30, 1944



RESEARCH PUBLICATIONS

Effectiveness against the California red scale of cube resins and nicotine in petroleum spray oil. By A. W. Cressman. Jour. Agr. Res. 67 (1): 17-26, illus. July 1, 1943. (K-323.)

Effect of change of temperature on relative toxicity of rotenone and phenol. By W. A. Gersdorf. Jour. Agr. Res. 67 (2): 65-80, illus. July 15, 1943. (K-324.)

Relation between parasitization of twig-infesting larvae of the oriental fruit moth and subsequent infestation of ripe peaches. By H. W. Allen. Jour. Agr. Res. 67 (3): 81-88. Aug. 1, 1943. (K-326.)

Self-incompatibility in several species of Ribes in the Western States. By H. R. Offord, Clarence R. Quick, and Virgil D. Moss. Jour. Agr. Res. 68 (2): 65-71. Jan. 15, 1944. (K-327.)

Differentiation of the two genetic factors for resistance to the hessian fly in Dawson wheat. By W. B. Noble and C. A. Suneson. Jour. Agr. Res. 67 (1): 27-32. July 1, 1943. (K-328.)

Comparative ability of several species of Lygus and the Say stinkbug to damage sugar beets grown for seed. By Orin A. Hills. Jour. Agr. Res. 67 (10): 389-394, illus. Nov. 15, 1943. (K-330.)

Husk development of sweet corn as affected by moisture supply, an important factor in corn earworm control. By G. W. Barber. Jour. Agr. Res. 68 (2): 73-77, illus. Jan. 15, 1944. (K-331.)

Control of the Mexican bean beetle in irrigated districts in the West. By R. L. Wallis. U. S. Dept. Agr. Cir. 675, 12 pp., illus. Apr. 1944.

Effectiveness of wood preservatives in preventing attack by termites. By Thomas E. Snyder and James Zetek. U. S. Dept. Agr. Cir. 683, 24 pp., illus. Sept. 1943.

Studies on nicotine fumigation in greenhouses. By Henry H. Richardson, J. W. Bulger, R. L. Busbey, R. H. Nelson, and C. A. Weigel. U. S. Dept. Agr. Cir. 684, 15 pp., illus. Sept. 1943.

The hessian fly and its control by late sowing of wheat in Oklahoma and Arkansas. By J. R. Horton, E. T. Jones, and F. M. Wadley. U. S. Dept. Agr. Cir. 687, 10 pp. Nov. 1943.

Laboratory studies on the toxicity of tartar emetic to the Mexican fruit-fly. By C. C. Plummer. U. S. Dept. Agr. Cir. 697, 14 pp., illus. June 1944.



- Mosquitoes of the Southeastern States. By W. V. King, G. H. Bradley, and T. E. McNeel. U. S. Dept. Agr. Misc. Pub. 336, slightly rev., 96 pp., illus. Feb. 1944.
- Life history and control of the tomato pinworm. By John C. Elmore and A. F. Howland. U. S. Dept. Agr. Tech. Bul. 841, 30 pp., illus. Sept. 1943.
- The cabbage looper as a pest of lettuce in the Southwest. By K. B. McKinney. U. S. Dept. Agr. Tech. Bul. 846, 30 pp., illus. Mar. 1944.
- Studies of methyl bromide in greenhouse and vault fumigation. By Henry H. Richardson, A. C. Johnson, J. W. Bulger, A. H. Casanges, and G. V. Johnson. U. S. Dept. Agr. Tech. Bul. 853, 20 pp., illus. Sept. 1943.
- Life history and habits of the peachtree borer in the Southeastern States. By Oliver I. Snapp and J. R. Thomson. U. S. Dept. Agr. Tech. Bul. 854, 24 pp., illus. Nov. 1943.
- The beet leafhopper and its control on beets grown for seed in Arizona and New Mexico. By Van E. Romney. U. S. Dept. Agr. Tech. Bul. 855, 24 pp., illus. Sept. 1943.
- Life history of the wireworm *Melanotus longulus* (Lec.) in southern California. By M. W. Stone and A. F. Howland. U. S. Dept. Agr. Tech. Bul. 858, 30 pp., illus. Jan. 1944.
- Nature and extent of Mormon cricket damage to crop and range plants. By Ralph B. Swain. U. S. Dept. Agr. Tech. Bul. 866, 44 pp., illus. [Apr.] 1944.
- Strains of the European corn borer in the United States. By K. D. Arbuthnot. U. S. Dept. Agr. Tech. Bul. 869, 20 pp., illus. May 1944.
- Apanteles diatraeae*, a braconid parasite of the Southwestern corn borer. By E. G. Davis. U. S. Dept. Agr. Tech. Bul. 871, 19 pp., illus. Mar. 1944.
- Report of the Chief of the Bureau of Entomology and Plant Quarantine, Agricultural Research Administration, 1943. By P. N. Ammand. 58 pp. 1944.
- A hopper and mechanism for distribution of baits and dust by airplanes for insect control. By Chester N. Husman. U. S. Bur. Ent. and Plant Quar. ET-212, 6 pp., illus. July 1943. (Processed.)
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Experimental methods in making orchard tests for codling moth control in the West. By E. J. Newcomer and F. P. Dean. U. S. Bur. Ent. and Plant Quar. ET-215, 20 pp., illus. Nov. 1943. (Processed.)

Dispenser for aerosols and highly volatile fumigants. By Floyd F. Smith, L. D. Goodhue, and W. R. Ballinger. U. S. Bur. Ent. and Plant Quar. ET-216, 3 pp., illus. Mar. 1944.

A small injector for use in mixing sprays. By Fred P. Dean. U. S. Bur. Ent. and Plant Quar. ET-217, 2 pp., illus. June 1944. (Processed.)

Fumigation of sweetpotatoes with methyl bromide for the destruction of the sweetpotato weevil. By G. L. Phillips and S. S. Easter. U. S. Bur. Ent. and Plant Quar. E-600, 9 pp. Aug. 1943. (Processed.)

A review of the insecticidal uses of rotenone and rotenoids from derris, lonchocarpus (cube and timbo), tephrosia, and related plants. Part VI. Coleoptera. By R. C. Roark. U. S. Bur. Ent. and Plant Quar. E-603, 170 pp. Oct. 1943. (Processed.)

Hydrocyanic acid as a fumigant for the Japanese beetle. By Walter E. Fleming and Emory D. Burgess. U. S. Bur. Ent. and Plant Quar. E-604, 13 pp. Oct. 1943. (Processed.)

Colonization of the organism causing milky disease of Japanese beetle larvae. By R. T. White and R. J. McCabe. U. S. Bur. Ent. and Plant Quar. E-605, 6 pp., illus. Oct. 1943. (Processed.)

Summary of yields obtained in field-plot experiments conducted from 1920 to 1942, inclusive, at Tallulah, La., for the control of cotton insects. Compiled by R. C. Gaines. U. S. Bur. Ent. and Plant Quar. E-606, 38 pp. Dec. 1943. (Processed.)

Proprietary surface-active agents of possible use in insecticide preparations. By H. L. Cupples. U. S. Bur. Ent. and Plant Quar. E-607, 40 pp. Oct. 1943. (Processed.)

Field tests with insecticides to control the European corn borer in early market sweet corn at Toledo, Ohio, in 1943. By D. D. Questel. U. S. Bur. Ent. and Plant Quar. E-609, 16 pp., illus. Jan. 1944. (Processed.)

Closed figs in relation to insect attack and disease infection. By Perez Simmons and Charles K. Fisher. U. S. Bur. Ent. and Plant Quar. E-611, 4 pp., illus. Jan. 1944. (Processed.)

Laboratory tests of toxicity of some organic compounds to the European corn borer, 1941-1943. By D. D. Questel. U. S. Bur. Ent. and Plant Quar. E-612, 5 pp. Feb. 1944. (Processed.)

Methyl bromide fumigation of nursery stock for the oriental fruit moth. By Randall Latta and A. C. Johnson. U. S. Bur. Ent. and Plant Quar. E-614, 14 pp., illus. Feb. 1944. (Processed.)



- Notes on the biology of the Japanese beetle. By I. M. Hawley. U. S. Bur. Ent. and Plant Quar. E-615, 18 pp., illus. Apr. 1944. (Processed.)
- Notes on the life history and other factors affecting control of the grape leaf folder. By Dwight F. Barnes. U. S. Bur. Ent. and Plant Quar. E-616, 7 pp., illus. Apr. 1944. (Processed.)
- Identification of physiologic races of *Puccinia graminis tritici*. By E. C. Stakman, M. N. Levine, and W. Q. Loegering. U. S. Bur. Ent. and Plant Quar. E-617, 26 pp., illus. May 1944. (Processed.)
- Methyl bromide as an insect fumigant -- a review of the literature through 1940. By R. L. Busbey. U. S. Bur. Ent. and Plant Quar. E-618, 38 pp. May 1944. (Processed.)
- Styrene dibromide: A substitute for pyrethrum in insecticidal oil used for control of earworms in sweet corn. By G. W. Barber and J. Wilcox. U. S. Bur. Ent. and Plant Quar. E-619, 3 pp. May 1944. (Processed.)
- Laboratory tests of toxicity of some organic compounds to the European corn borer, January-March 1944. By D. D. Questel, C. V. Bowen, and S. I. Gertler. U. S. Bur. Ent. and Plant Quar. E-620, 4 pp. May 1944. (Processed.)
- The collection, emergence, and release of parasites of the European corn borer, season of 1943. By Charles A. Clark. U. S. Bur. Ent. and Plant Quar. Insect Pest Survey Spec. Sup., 3 pp. Oct. 1, 1943. (Processed.)
- Synthetic organic compounds patented for use as substitutes for pyrethrum. By C. V. Bowen and L. E. Smith. U. S. Bur. Ent. and Plant Quar. unnumbered, 293 pp. Feb. 1944. (Processed.)
- The field status of parasites of the European corn borer at the close of the 1942 season. By Charles A. Clark. U. S. Bur. Ent. and Plant Quar. Insect Pest Survey Spec. Sup., 9 pp. Dec. 27, 1943. (Processed.)
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- Summary of insect conditions in 1943. U. S. Bur. Ent. and Plant Quar., unnumbered, 11 pp., illus. 1944. (Processed.)
- Estimates of damage to corn by the European corn borer in 1943. By A. M. Vance. U. S. Bur. Ent. and Plant Quar. Insect Pest Survey Spec. Sup., 2 pp. May 15, 1944. (Processed.)
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Effect of fumigation with methyl bromide and paradichlorobenzene on germination and productivity of seed sweetpotatoes. By Stephen S. Easter and Griffin L. Phillips. Jour. Econ. Ent. 36 (4): 552-554. Aug. 1943.

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Studies of parasites of the American dog tick. By Carroll N. Smith and Moses M. Cole. Jour. Econ. Ent. 36 (4): 569-572. Aug. 1943.

The relative abundance of cabbage caterpillars on cole crops grown under similar conditions. By P. K. Harrison and Ross W. Brubaker. Jour. Econ. Ent. 36 (4): 589-592, illus. Aug. 1943.

Cotton aphid damage and control in Texas. By K. P. Ewing. Jour. Econ. Ent. 36 (4): 598-601. Aug. 1943.

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- Oviposition habits of the earworm moth in relation to infestation in the ears and to control. By G. W. Barber. Jour. Econ. Ent. 36 (4): 611-618. Aug. 1943.
- Some chemotropic studies with *Autographa* spp. By Charles E. Smith, Norman Allen, and O. A. Nelson. Jour. Econ. Ent. 36 (4): 619-621. Aug. 1943.
- The effect of tobacco plant-bed construction on the development of flea beetle populations. By Clemence Levin. Jour. Econ. Ent. 36 (4): 622-623. Aug. 1943.
- The seasonal incidence of sand flies in Florida. (Scientific note.) By S. E. Shields and J. B. Hull. Jour. Econ. Ent. 36 (4): 625-626, illus. Aug. 1943.
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- Nornicotine in commercial nicotine sulfate solutions. (Scientific note.) By C. V. Bowen and W. F. Barthel. Jour. Econ. Ent. 36 (4): 627, Aug. 1943.
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Productivity of the California red scale on lemon fruits. By Harold R. Yust. Jour. Econ. Ent. 36 (6): 868-872, illus. Dec. 1943.

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Influence of decreasing, constant, and increasing concentrations on results of fumigation of the California red scale with HCN. By Harold R. Yust, R. L. Busbey, and Howard D. Nelson. Jour. Econ. Ent. 36 (6): 875-878, illus. Dec. 1943.

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Calcium arsenate with and without cube and nicotine for control of the boll weevil and the cotton aphid, at Tallulah, La., in 1942. By M. T. Young, G. L. Garrison, and R. C. Gaines. Jour. Econ. Ent. 36 (6): 901-903, illus. Dec. 1943.

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